修改相机视频质量默认值

（1）问题描述：

设置相机视频质量默认值为480P。

（2）芯片：

MTK6737

（3）系统版本：

Android 6.0, ali 5.1.0

（4）标签：

Android, mtk6737\_ali5.1.0, Camera, Android 6.0, ali 5.1.0, ali

（5）解决办法：

**一、 mtk6737\_ali5.1.0解决方法：**

1. 在camera\_lib\_common/src/com/yunos/camera/platform/PlatformHelper.java类中的getVideoQualityDefaultValue(int cameraId)方法添加如下红色字体代码：

public static String getVideoQualityDefaultValue(int cameraId) {

if (sDefaultVideoQualities[cameraId] == null) {

if (CamcorderProfile\_hasProfile(cameraId, CamcorderProfile.QUALITY\_1080P)) {

sDefaultVideoQualities[cameraId] = String.valueOf(CamcorderProfile.QUALITY\_1080P);

} else if (CamcorderProfile\_hasProfile(cameraId, CamcorderProfile.QUALITY\_720P)) {

sDefaultVideoQualities[cameraId] = String.valueOf(CamcorderProfile.QUALITY\_720P);

} else if (CamcorderProfile\_hasProfile(cameraId, CamcorderProfile.QUALITY\_480P)) {

sDefaultVideoQualities[cameraId] = String.valueOf(CamcorderProfile.QUALITY\_480P);

} else if (CamcorderProfile\_hasProfile(cameraId,

CamcorderProfile.QUALITY\_QVGA)) {

sDefaultVideoQualities[cameraId] = String

.valueOf(CamcorderProfile.QUALITY\_QVGA);

} else {

throw new UnsupportedOperationException(

"Camera Devide doesn't support common 1080P, 720P or 480P video quality." +

" please see PlatformHelper.java for more information");

}

///Xunhu: Set the default video quality at 2016-10-15 16:01:58 by QinTuanye{{&&

///Description: 设置默认视频质量，设置的值必须存在

if (true) {

if (CamcorderProfile\_hasProfile(cameraId, CamcorderProfile.QUALITY\_480P)) {

sDefaultVideoQualities[cameraId] = String.valueOf(CamcorderProfile.QUALITY\_480P);

}

}

///&&}}

}

return sDefaultVideoQualities[cameraId];

}

2.在camera\_lib\_common/src/com/yunos/camera/preference/CameraSettings.java类中的resetIfInvalid(ListPreference pref)方法中添加红色字体代码：

private void resetIfInvalid(ListPreference pref) {

// Set the value to the first entry if it is invalid.

String value = pref.getValue();

if (pref.findIndexOfValue(value) == NOT\_FOUND) {

///Xunhu: Set the default video quality at 2016-10-15 16:01:58 by QinTuanye{{&&

///Description: 设置默认视频质量，设置的值必须存在

//pref.setValueIndex(0);

if (true) {

boolean isSet = false;

try {

List<String> qualitys = PlatformHelper.getSupportedVideoQuality(mCameraId);

String defaultQuality = PlatformHelper.getVideoQualityDefaultValue(mCameraId);

for (int i = 0; i < qualitys.size(); i++) {

if (defaultQuality.equals(qualitys.get(i))) {

pref.setValueIndex(i);

isSet = true;

break;

}

}

} catch (Exception e) {

Log.e(TAG, "resetIfInvalid=>set defualt video quality fail. ", e);

}

if (!isSet) {

pref.setValueIndex(0);

}

} else {

pref.setValueIndex(0);

}

///&&}}

}

}